



BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20050002
Agency Interest No. 12389

Mr. E. R. Giles
Chairman
Jefferson Davis Parish Sanitary Landfill Commission
16547 Landfill Rd
Welsh, LA 70591

RE: Part 70 Operating Permit
Jefferson Davis Parish Sanitary Landfill
Welsh, Jefferson Davis Parish, Louisiana

Dear Mr. Giles:

This is to inform you that the permit modification and renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ___ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 1360-00060-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN:sfp

c: EPA Region VI

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www.deq.louisiana.gov

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Jefferson Davis Parish Sanitary Landfill
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Welsh, Jefferson Davis Parish, Louisiana

I. Background

BFI Waste Systems of Louisiana, LLC (BFI) currently operates the Jefferson Davis Parish Sanitary Landfill located in Welsh, Jefferson Davis Parish, Louisiana. The landfill is an existing refuse systems facility. The Jefferson Davis Parish Sanitary Landfill currently operates under Permit No. 1360-00060-V0, issued May 25, 2004.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Jefferson Davis Parish Landfill on October 21, 2005, requesting a modification to the Part 70 operating permit. An updated renewal and modification application was submitted November 25, 2008. This updated application completely superseded the previously submitted application. Additional information dated January 29, 2009 and March 9, 2009.

III. Description

The Jefferson Davis Parish Sanitary (Jeff Davis) Landfill located in Jefferson Davis Parish is owned by Jefferson Davis Parish Sanitary Landfill Commission and operated by BFI Waste Systems of Louisiana, LLC. The Jefferson Davis Landfill began accepting municipal solid waste in 1988 and has a design capacity of approximately 7.28 million megagrams (Mg). Since the design capacity is greater than 2.5 million Mg and 2.5 million cubic meters, the site is subject to the New Source Performance Standards (NSPS) within Title 40 Code of Federal Regulations (40 CFR) Part 60, Subpart WWW for municipal solid waste (MSW) landfills. As such, the site is required to have a Title V Operating Permit.

Solid waste is received and taken directly to the landfill for disposal. The anaerobic decomposition of organic waste in landfills results in the generation of biogas commonly referred to as Landfill Gas (LFG). Consisting of approximately 50 percent methane and 50 percent carbon dioxide, LFG also contains other trace organic compounds and water vapor. A landfill with a soil cover emits LFG emissions as the LFG permeates vertically through the cover soils and escapes into the atmosphere. The facility currently operates an active gas collection and control system (GCCS) in the landfill, which conveys it to the existing LFG flare and/or LFGTE facility owned and operated by SouthTex Renewable Energy. Since the LFGTE facility is owned and operated by a separate company, the emissions from the LFGTE facility are not included within this permit.

With this Part 70 Operating Permit Renewal, the following revisions are made:

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- Revise Emission Point No. 1 – Flare: The emissions from the flare in permit No. 1360-00060-V0 were based on an enclosed flare. In accord with the Authorization to Construct dated October 31, 2005, the enclosed flare was replaced with a candlestick flare which has a design flow of 4,500 scfm.
- Add Emission Point No. 7 – Earthmoving Operations.
- Add Emission Point No. 8 – Air Compressor.
- Add Emissions Point No. 9 – Emergency Generator.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	18.39	24.32	+5.93
SO ₂	2.29	9.78	+7.49
NO _x	32.98	50.42	+17.44
CO	115.70	243.5	+127.8
VOC	9.70	27.86	+18.16

LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
1,1,1-Trichloroethane	0.02	0.11	0.09
1,1,2,2-Tetrachloroethane	0.01	0.30	0.29
1,2-Dichloroethane	0.01	0.065	0.055
1,2-Dichloropropane	0.01	0.04	0.03
1,4-Dichlorobenzene	0.02	<0.01	-0.01
Acrylonitrile	0.11	0.54	0.43
Arsenic (and compounds)	0.01	0	-0.01
Barium (and compounds)	1.23	0	-1.23
Benzene	0.03	0.24	0.21
Carbon Disulfide	0.06	0.08	0.02
Carbon Tetrachloride	0.01	0.02	0.01
Carbonyl Sulfide	0.04	0.05	0.01

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Chlorobenzene	0.01	0.045	+0.035
Chloroethane	0.02	0.14	+0.12
Chloroform	0.01	0.02	+0.01
Chromium VI (and compounds)	<0.01	0.014	+0.004
Copper (and compounds)	<0.01	0.003	-0.007
Dichloromethane	0.01	1.87	+1.86
Ethyl Benzene	0.12	0.78	+0.66
Hydrogen Sulfide	0.05	1.93	+1.88
Methyl Chloride	0.02	0.10	+0.08
Methyl Ethyl Ketone	0.02	0.81	+0.79
Methyl Isobutyl Ketone	0.06	0.30	+0.24
Nickel (and compounds)	0.02	0.363	+0.343
Styrene	0.01	<0.01	0
Tetrachloroethylene	0.01	0.98	+0.97
Toluene	0.01	5.66	+5.65
Trichloroethylene	0.01	0.58	+0.57
Vinyl Acetate	0.01	<0.01	0
Vinyl Chloride	0.05	0.73	+0.68
Vinylidene chloride	0.01	0.28	+0.27
Xylene (mixed isomers)	0.82	2.03	+1.21
Zinc (and compounds)	0.01	0.08	+0.07
Total	2.86	18.19	+15.33

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations. New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) apply. Prevention of Significant Deterioration (PSD) does not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

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V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _x	CO	VOC
NA	-	-	-	-	-	-

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IX. Insignificant Activities

ID No.:	Description	Citation
	Transmission Oil Tank (682 gallon)	LAC 33:III.501.B.5.A
	Engine Oil Tank (682 gallon)	LAC 33:III.501.B.5.A
	Hydraulic Oil Tank (682 gallon)	LAC 33:III.501.B.5.A
	Used Oil Tank (580 gallon)	LAC 33:III.501.B.5.A
	Diesel Fuel Tank (500 gallon)	LAC 33:III.501.B.5.A
	Portable Welders and Cutting Torches	LAC 33:III.501.B.5.B

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																				
		2	5 ^A	9	11	13	15	2103	2107	2111	2113	2153	22	29*	51*	5151	56	59*				
UNF 1	Plant Wide	1	1	1	1	1						1					1	3	1	1	3	
CRG 1	Portable Pumps Common Rqt. Group				1	1	3															
EQT 2	3 - Diesel Fuel Storage Tank		1								3											
EQT 4	1 - Candlestick Flare		1		1	1	1															
EQT 5	6a - 3.5 HP Portable Pump - A		1		1	1	3															
EQT 6	6b - 3.5 HP Portable Pump - B		1		1	1	3															
EQT 7	6c - 76 HP Portable Pump - A		1		1	1	3															
EQT 8	6d - 76 HP Portable Pump - B		1		1	1	3															
EQT 9	6e - 5.5 Portable Diesel Pump		1		1	1	3															
EQT 10	8 - Air Compressor		1		1	1	3															
EQT 11	9 - Emergency Generator		1		1	1	3															
FUG 1	2 - Uncollected Landfill Gas		1																			
FUG 2	5 - Road Dust		1			1																
FUG 3	4 - Leachate Pond		1													3						
FUG 4	7 - Earthmoving Operations		1			1																

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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Jeff Davis Parish Landfill

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements		40 CFR 60 NSPS													40 CFR 63 NESHAP				40 CFR		
		40 CFR 60 NSPS													40 CFR 63 NESHAP				40 CFR		
ID No.:	Description	A	K	Ka	Kb	WWW	III	JJJ	A	J	M	A	HH	SS	AAAA	ZZZZ	68	82			
UNF 1	Plant Wide	1							1		1	1			1		3	3			
CRG 1	Portable Pumps Common Rqt. Group																				
EQT 2	3 - Diesel Fuel Storage Tank		3	3	3																
EQT 4	1 - Candlestick Flare	1				1						1			1						
EQT 5	6a - 3.5 HP Portable Pump - A							3								3					
EQT 6	6b - 3.5 HP Portable Pump - B							3								3					
EQT 7	6c - 76 HP Portable Pump - A						3									3					
EQT 8	6d - 76 HP Portable Pump - B						3									3					
EQT 9	6e - 5.5 Portable Diesel Pump						3									3					
EQT 10	8 - Air Compressor							3								3					
EQT 11	9 - Emergency Generator							3								3					
FUG 1	2 - Uncollected Landfill Gas																				
FUG 2	5 - Road Dust																				
FUG 3	4 - Leachate Pond																				
FUG 4	7 - Earthmoving Operations																				

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- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
UNF01 - Entire Facility	40 CFR 68 – Chemical Accident Prevention Provision	DOES NOT APPLY. The facility does not have more than the threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115.
	40 CFR 82 – Protection of Stratospheric Ozone	DOES NOT APPLY. No applicable CFC-containing equipment on site. Jefferson Davis Landfill does not manufacture any ozone depleting substances as identified in 40 CFR 82.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III. Chapter 51]	EXEMPT. Facility is not a major source of TAPs emitting less than 10 tons per year of any toxic air pollutant listed in LAC 33:III.5112, Table 51.1 or 25 tons per year or more of any combination of toxic air pollutants listed in LAC 33:III.5112, Table 51.1.
	Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.5901]	DOES NOT APPLY. The facility does not process more than the threshold quantity of a regulated pollutant.
CRG01 - Portable Pumps Common Rqt. Group EQT 05, 06, 07, 08, 09 – Portable Pumps	Emission Standards for Sulfur Dioxide [LAC 33:III. Chapter 15]	DOES NOT APPLY. The single point sources emit less than 5 tons per year of sulfur dioxide into the atmosphere.
	Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Vapor pressure less than 1.5 psia.
EQT 02 – Diesel Fuel Storage Tank	NSPS Subpart K – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110]	DOES NOT APPLY. Tank capacity <40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110a]	DOES NOT APPLY. Tank capacity <40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110b]	DOES NOT APPLY. Tank stores a liquid with a vapor pressure <0.5 psia and tank capacity <40,000 gallons.
EQT 05 & 06 – Portable	NSPS Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230]	DOES NOT APPLY. Pumps were manufactured prior to July 1, 2008.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		Notes
ID No:	Requirement	
Gasoline Pumps	NESHAP Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	DOES NOT APPLY. Pumps were manufactured prior to June 12, 2006.
EQT 07, 08 & 09 – Portable Diesel Pumps	NSPS Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.4200]	DOES NOT APPLY. Pumps were manufactured prior to April 1, 2006.
	NESHAP Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	DOES NOT APPLY. Pumps were manufactured prior to June 12, 2006.
EQT 10 – Air Compressor	NSPS Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230]	DOES NOT APPLY. Air compressor was manufactured prior to July 1, 2008.
	NESHAP Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	DOES NOT APPLY. As a NESHAP new source, the air compressor is required to meet NSPS Subpart JJJJ new source requirements, as appropriate. However, the air compressor does not meet the definition of a new source under NSPS.
EQT 11 – Emergency Generator	NSPS Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230]	DOES NOT APPLY. Generator was manufactured prior to July 1, 2008.
	NESHAP Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	DOES NOT APPLY. Generator was manufactured prior to June 12, 2006.
FUG 03 – Leachate Pond	Control of Emission of Organic Compounds – Limiting VOC Emissions from Industrial Wastewater [LAC 33:III.2153]	DOES NOT APPLY. Landfills are not covered under LAC 33:III.2153.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information
AJ ID: 12389 Jefferson Davis Parish Sanitary Landfill Commission
Activity Number: PER20050002
Permit Number: 1360-00060-V1
Air - Title V Regular Permit Minor Mod

ID	Name	User Group	Start Date
RAL-007	Recognized Asbestos Landfill	Asbestos	12-12-2006
1360-00060	Jefferson Davis Parish Sanitary Landfill Commission	CDS Number	08-05-2002
72-1153957	Davis Parish Sanitary Landfill	Federal Tax ID	11-21-1999
LAD985184563	Jefferson Davis Parish Sanitary Landfill	Hazardous Waste Notification	09-17-1990
LA0076660	LPDES #	LPDES Permit #	05-22-2003
LAR05N014	LPDES #	LPDES Permit #	01-08-2002
WP1788	LWDPS #	LWDPS Permit #	06-25-2003
D-053-1871	Site ID #	Solid Waste Facility No.	08-14-2001
15428	Jefferson Davis Parish Landfill Commission	TEMPO Merge	11-07-2001
18935	Jefferson Davis Parish Sanitary Landfill Commission	TEMPO Merge	04-24-2005
20055	Davis Parish Sanitary Landfill	TEMPO Merge	02-21-2001
4527	Jefferson Davis Parish Police Jury - Sanitary Landfill	Waste Tire Facility ID Number	05-27-2005

Main FAX: 3377344158
Main Phone: 3377344135

Physical Location:
 16157 Landfill Rd
 Welsh, LA 70591

Mailing Address:
 16157 Landfill Rd
 Welsh, LA 70591

Location of Front Gate: 30° 15' 54" 74 hundredths longitude, 92° 51' 39" 25 hundredths latitude, Coordinate Method: UTM Zone 15, Coordinate Datum: NAD83

Name	Mailing Address	Phone (Type)	Relationship
Oliver Ford	918 Willow Springs Rd Sulphur, LA 70663	oliver.ford@awin.cor	Emission Inventory Contact for
Oliver Ford	918 Willow Springs Rd Sulphur, LA 70663	3375279380 (WP)	Emission Inventory Contact for
E. R. Giles	16547 Landfill Rd Welsh, LA 70591	3377344135 (WP)	Responsible Official for
Daniel Hylton	PO Box 1207 Jennings, LA 705461207	3188244792 (WP)	Waste Tires Contact for
Daniel Hylton	PO Box 1207 Jennings, LA 705461207	3188244792 (WP)	Solid Waste Permit Contact for
Denny Mize	16547 Landfill Rd Welsh, LA 70591	denny.mize@awin.co	Solid Waste Billing Party for
Denny Mize	16547 Landfill Rd Welsh, LA 70591	3377344136 (HP)	Solid Waste Billing Party for

Name	Address	Phone (Type)	Relationship
BFI Waste Systems of Louisiana LLC	7556 Sam Vincent Rd Sulphur, LA 70665		Operates
Jeff Davis Parish Landfill	156547 Landfill Road Welsh, LA 70591		Air Billing Party for
Jefferson Davis Sanitary Landfill	16547 Landfill Rd Welsh, LA 70591	3187344135 (WP)	Emission Inventory Billing Party
Commission			
Jefferson Davis Sanitary Landfill	16547 Landfill Rd Welsh, LA 70591	3187344135 (WP)	Water Billing Party for
Commission			

General Information

AI ID: 12389 Jefferson Davis Parish Sanitary Landfill Commission
Activity Number: PER20050002
Permit Number: 1360-00060-V1
Air - Title V Regular Permit Minor Mod

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Jefferson Davis Sanitary Landfill Commission	16547 Landfill Rd Welsh, LA 70591	3187344135 (WP)	Operates
	Jefferson Davis Sanitary Landfill Commission	16547 Landfill Rd Welsh, LA 70591	3187344135 (WP)	Owns

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission
Activity Number: PER20050002
Permit Number: 1360-00060-V1
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0002	3 - Diesel Fuel Storage Tank	264504 gallons/yr	4500 SCFM	88168 gallons/yr		8760 hr/yr
EQT 0004	1 - Candlestick Flare		3.5 horsepower	1609 SCFM		8760 hr/yr
EQT 0005	6a - 3.5 HP Portable Pump - A		3.5 horsepower	3.5 horsepower		4000 hr/yr
EQT 0006	6b - 3.5 HP Portable Pump - B		3.5 horsepower	3.5 horsepower		4000 hr/yr
EQT 0007	6c - 76 HP Portable Pump - A		76 horsepower	76 horsepower		4000 hr/yr
EQT 0008	6d - 76 HP Portable Pump - B		76 horsepower	76 horsepower		4000 hr/yr
EQT 0009	6e - 5.5 Portable Diesel Pump		5.5 horsepower	5.5 horsepower		4000 hr/yr
EQT 0010	8 - Air Compressor		13 horsepower	13 horsepower		1600 hr/yr
EQT 0011	9 - Emergency Generator		62 horsepower	62 horsepower		1600 hr/yr
FUG 0001	2 - Uncollected Landfill Gas	335731 Mgyr		257325 Mgyr		8760 hr/yr
FUG 0002	5 - Road Dust	165308 vehicle miles traveled/yr		165308 vehicle miles traveled/yr		6864 hr/yr
FUG 0003	4 - Leachate Pond	30000000 gallons/yr		3004744 gallons/yr		8760 hr/yr
FUG 0004	7 - Earthmoving Operations					7488 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT 0004	1 - Candlestick Flare	54	4500	1.33		45	1500

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	CRG01 - Portable Pumps Common Requirements Group
UNF 0001	Unit or Facility Wide	- Entire Facility

Group Membership:

ID	Description	Member of Groups
EQT 0005	6a - 3.5 HP Portable Pump - A	CRG00000000001
EQT 0006	6b - 3.5 HP Portable Pump - B	CRG00000000001
EQT 0007	6c - 76 HP Portable Pump - A	CRG00000000001
EQT 0008	6d - 76 HP Portable Pump - B	CRG00000000001
EQT 0009	6e - 5.5 Portable Diesel Pump	CRG00000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

INVENTORIES

AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission
Activity Number: PER20050002
Permit Number: 1360-00060-V1
Air - Title V Regular Permit Minor Mod

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1525	1525 Sanitary Landfill (Planned Capacity)	7.3	MM Mg

SIC Codes:

4953	Refuse systems	AI 12389
4953	Refuse systems	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AIID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission
 Activity Number: PER20050002
 Permit Number: 1360-00060-V1
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0002 ₃													0.001	0.001	0.01
EQT 0004 ₁	49.95	49.95	218.78	9.18	9.18	40.21	2.25	2.25	9.86	2.07	2.07	9.08	0.26	0.26	1.12
EQT 0005 _{5a}	1.54	1.54	3.07	0.04	0.04	0.08	0.01	0.01	0.01	0.01	0.01	<0.01	0.06	0.06	0.11
EQT 0006 _{5b}	1.54	1.54	3.07	0.04	0.04	0.08	0.01	0.01	0.01	0.01	0.01	<0.01	0.06	0.06	0.11
EQT 0007 _{5c}	0.51	0.51	1.02	2.36	2.36	4.71	0.17	0.17	0.33	0.16	0.16	0.32	0.19	0.19	0.38
EQT 0008 _{5d}	0.51	0.51	1.02	2.36	2.36	4.71	0.17	0.17	0.33	0.16	0.16	0.32	0.19	0.19	0.38
EQT 0009 _{5e}	0.03	0.03	0.05	0.11	0.11	0.22	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02
EQT 0010 ₈	5.71	5.71	4.57	0.14	0.14	0.11	0.01	0.01	0.01	0.01	0.01	0.01	0.20	0.20	0.16
EQT 0011 ₉	27.22	27.22	11.92	0.68	0.68	0.30	0.04	0.04	0.02	0.04	0.04	0.02	0.93	0.93	0.41
FUG 0001 ₂													5.71	5.71	25.02
FUG 0002 ₅							7.24	7.24	10.36						
FUG 0003 ₄													0.03	0.03	0.14
FUG 0004 ₇							4.28	4.28	3.37						

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission****Activity Number: PER20050002****Permit Number: 1360-00060-V1****Air - Title V Regular Permit Minor Mod**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0001 2	1,1,2,2-Tetrachloroethane	0.07	0.07	0.29
	1,2-Dichloroethane	0.015	0.015	0.064
	1,2-Dichloropropane	0.01	0.01	0.03
	Acrylonitrile	0.12	0.12	0.53
	Benzene	0.05	0.05	0.23
	Carbon disulfide	0.02	0.02	0.07
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Carbonyl sulfide	0.01	0.01	0.05
	Chlorobenzene	0.010	0.010	0.044
	Chloroethane	0.03	0.03	0.13
	Chloroform	0.001	0.001	0.01
	Dichloromethane	0.13	0.43	1.87
	Ethyl benzene	0.18	0.18	0.77
	Hydrogen sulfide	0.44	0.44	1.93
	Methyl chloride	0.02	0.02	0.10
	Methyl ethyl ketone	0.18	0.18	0.81
	Methyl isobutyl ketone	0.07	0.07	0.30
	Tetrachloroethylene	0.22	0.22	0.97
	Toluene	1.29	1.29	5.66
	Trichloroethylene	0.13	0.13	0.58
Vinyl chloride	0.16	0.16	0.72	
Vinylidene chloride	0.01	0.01	0.28	
Xylene (mixed isomers)	0.46	0.46	2.01	
FUG 0003 4	1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	1,2-Dichloropropane	<0.001	<0.001	<0.01
	1,4-Dichlorobenzene	<0.001	<0.001	<0.01
	Acrylonitrile	0.004	0.004	0.01
	Benzene	0.001	0.001	<0.01
	Carbon disulfide	<0.001	<0.001	<0.01
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Chlorobenzene	<0.001	<0.001	0.001
	Chloroethane	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission

Activity Number: PER20050002

Permit Number: 1360-00060-V1

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0003 4	Chloroform	<0.001	<0.001	<0.01
	Chromium VI (and compounds)	0.004	0.004	0.014
	Copper (and compounds)	0.001	0.001	0.003
	Ethyl benzene	0.003	0.003	0.01
	Nickel (and compounds)	0.010	0.010	0.363
	Styrene	<0.001	<0.001	<0.01
	Vinyl acetate	<0.001	<0.001	<0.01
	Vinyl chloride	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	0.01	0.01	0.02
	Zinc (and compounds)	0.02	0.02	0.08
UNF 0001	1,1,2,2-Tetrachloroethane			0.30
	1,2-Dichloroethane			0.065
	1,2-Dichloropropane			0.04
	1,4-Dichlorobenzene			<0.01
	Acrylonitrile			0.54
	Benzene			0.24
	Carbon disulfide			0.08
	Carbon tetrachloride			0.02
	Carbonyl sulfide			0.05
	Chlorobenzene			0.045
	Chloroethane			0.14
	Chloroform			0.02
	Chromium VI (and compounds)			0.014
	Copper (and compounds)			0.003
	Dichloromethane			1.87
	Ethyl benzene			0.78
	Hydrogen sulfide			1.93
	Methyl chloride			0.10
	Methyl ethyl ketone			0.81
	Methyl isobutyl ketone			0.30
Nickel (and compounds)			0.363	
Styrene			<0.01	
Tetrachloroethylene			0.97	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission****Activity Number: PER20050002****Permit Number: 1360-00060-V1****Air - Title V Regular Permit Minor Mod**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001	Toluene			5.66
	Trichloroethylene			0.58
	Vinyl acetate			<0.01
	Vinyl chloride			0.73
	Vinylidene chloride			0.28
	Xylene (mixed isomers)			2.03
	Zinc (and compounds)			0.08

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AJ ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission

Activity Number: PER20050002

Permit Number: 1360-00060-V1

Air - Title V Regular Permit Renewal

CRG 0001 CRG01 - Portable Pumps Common Requirements Group

Group Members: EQT 0005EQT 0006EQT 0007EQT 0008EQT 0009

- 1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
- 2 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0004 1 - Candlestick Flare

- 3 [40 CFR 60.18(c)(1)] Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]
- 4 [40 CFR 60.18(c)(2)] Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]
- 5 [40 CFR 60.18(c)(3)(ii)] Heat content >= 200 BTU/scf (7.45 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)]
- 6 [40 CFR 60.18(c)(4)(i)] Which Months: All Year Statistical Basis: None specified
Exit Velocity < 60 ft/sec (18.3 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(4)(i)]
- 7 [40 CFR 60.18(d)] Which Months: All Year Statistical Basis: None specified
Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]
- 8 [40 CFR 60.18(e)] Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]
- 9 [40 CFR 60.18(f)(2)] Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)]
- 10 [40 CFR 60.752(b)(2)(iii)(A)] Which Months: All Year Statistical Basis: None specified
- 11 [40 CFR 60.753(f)] Ensure flare is designed and operated in accordance with 40 CFR 60.18. Subpart WWW. [40 CFR 60.752(b)(2)(iii)(A)]
- 12 [40 CFR 60.756(c)(1)] Operate at all times when the collected gas is routed to the system. Subpart WWW. [40 CFR 60.753(f)]
- 13 [40 CFR 60.756(c)(2)(i)] Presence of a flame monitored by heat sensing device continuously. Subpart WWW. [40 CFR 60.756(c)(1)]
Which Months: All Year Statistical Basis: None specified
Flow monitored by flow rate monitoring device once every 15 minutes. Monitor the flow to the control device. Subpart WWW. [40 CFR 60.756(c)(2)(i)]
- 14 [40 CFR 60.757(e)] Which Months: All Year Statistical Basis: None specified
Submit equipment removal report: Due 30 days prior to removal or cessation of operation of the control equipment. Include the information specified in 40 CFR 60.757(e)(1)(i) through (e)(1)(iii). Subpart WWW. [40 CFR 60.757(e)]
- 15 [40 CFR 60.758] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.758(a) through (f), as applicable. Subpart WWW.

SPECIFIC REQUIREMENTS

AJ ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission
Activity Number: PER20050002
Permit Number: 1360-00060-V1
Air - Title V Regular Permit Renewal

EQT 0004 1 - Candlestick Flare

- 16 [40 CFR 63.11(b)(1)] Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
- 17 [40 CFR 63.11(b)(3)] Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
- 18 [40 CFR 63.11(b)(4)] Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
- 19 [40 CFR 63.11(b)(5)] Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]
- 20 [40 CFR 63.11(b)(5)] Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flame. Subpart A. [40 CFR 63.11(b)(5)]
- 21 [40 CFR 63.11(b)(6)(iii)] Which Months: All Year Statistical Basis: None specified Heat content \geq 200 BTU/scf (7.45 MJ/scm). Determine the net heating value of the gas being combusted using the equation specified in 40 CFR 63.11(b)(6)(ii) Subpart A. [40 CFR 63.11(b)(6)(ii)]
- 22 [40 CFR 63.11(b)(7)(i)] Which Months: All Year Statistical Basis: None specified Exit Velocity $<$ 60 ft/sec (18.3 m/sec), as determined using the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(7)(i)]
- 23 [LAC 33:III.1105] Which Months: All Year Statistical Basis: None specified Opacity \leq 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.

- 24 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: None specified Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 25 [LAC 33:III.1513.C] Which Months: All Year Statistical Basis: Six-minute average Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT 0010 8 - Air Compressor

- 26 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
- 27 [LAC 33:III.1311.C] Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0011 9 - Emergency Generator

SPECIFIC REQUIREMENTS

AJ ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission
Activity Number: PER20050002
Permit Number: 1360-00060-V1
Air - Title V Regular Permit Renewal

EQT 0011 9 - Emergency Generator

- 28 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
- 29 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average

FUG 0002 5 - Road Dust

- 30 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 31 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average

FUG 0004 7 - Earthmoving Operations

- 32 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 33 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average

UNF 0001 - Entire Facility

- 34 [40 CFR 60.752(b)(2)(ii)(A)(1)] Collection system: Ensure that the collection system is designed to handle the maximum expected gas flow rate from the entire area of the landfill that warrants control over the intended use period of the gas control or treatment system equipment. Subpart WWWW. [40 CFR 60.752(b)(2)(ii)(A)(1)]
- 35 [40 CFR 60.752(b)(2)(ii)(A)(2)] Collection system: Collect gas from each area, cell, or group of cells in the landfill in which the initial solid waste has been placed for a period of 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWWW. [40 CFR 60.752(b)(2)(ii)(A)(2)]
- 36 [40 CFR 60.752(b)(2)(ii)(A)(3)] Collection system: Collect gas at a sufficient extraction rate. Subpart WWWW. [40 CFR 60.752(b)(2)(ii)(A)(3)]
- 37 [40 CFR 60.752(b)(2)(ii)(A)(4)] Collection system: Ensure that the collection system is designed to minimize off-site migration of subsurface gas. Subpart WWWW. [40 CFR 60.752(b)(2)(ii)(A)(4)]

SPECIFIC REQUIREMENTS

AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission

Activity Number: PER20050002

Permit Number: 1360-00060-V1

Air - Title V Regular Permit Renewal

UNF 0001 - Entire Facility

- 38 [40 CFR 60.752(b)(2)(ii)]
Install a collection and control system that captures the gas generated within the landfill as required by 40 CFR 60.752(b)(2)(ii)(A) or (b)(2)(ii)(B) and (b)(2)(iii) within 30 months after the first annual report in which the emission rate equals or exceeds 50 Mg/yr, unless Tier 2 or Tier 3 sampling demonstrates that the emission rate is < 50 Mg/yr, as specified in 40 CFR 60.757(c)(1) or (c)(2). An active gas collection and control system was installed and brought on-line on prior to the NSPS compliance date of October 12, 2007. Subpart WWW. [40 CFR 60.752(b)(2)(ii)]
- 39 [40 CFR 60.752(b)(2)(iii)(A)]
Route all the collected gas to an open flare designed and operated in accordance with 40 CFR 60.18. Subpart WWW. [40 CFR 60.752(b)(2)(iii)(A)]
- 40 [40 CFR 60.753(a)]
Collection system: Operate such that gas is collected from each area, cell, or group of cells in the MSW landfill in which solid waste has been in place for 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWW. [40 CFR 60.753(a)]
- 41 [40 CFR 60.753(b)(1)]
Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of positive pressure. Record instances when positive pressure occurs in efforts to avoid a fire. Submit records with the annual reports as provided in 40 CFR 60.757(f)(1). Subpart WWW. [40 CFR 60.753(b)(1)]
- 42 [40 CFR 60.753(b)]
Collection system: Operate with negative pressure at each wellhead except under the conditions specified in 40 CFR 60.753(b)(1) through (b)(3). Subpart WWW. [40 CFR 60.753(b)]
- 43 [40 CFR 60.753(c)]
Collection system (interior wellhead): Temperature < 55 C. Subpart WWW. [40 CFR 60.753(c)]
Which Months: All Year Statistical Basis: None specified
- 44 [40 CFR 60.753(c)]
Collection system (interior wellhead): Nitrogen < 20 percent or Oxygen < 5%. Subpart WWW. [40 CFR 60.753(c)]
Which Months: All Year Statistical Basis: None specified
- 45 [40 CFR 60.753(d)]
Conduct surface testing around the perimeter of the collection area and along a pattern that traverses the landfill at 30 meter intervals and where visual observations indicate elevated concentrations of landfill gas, to determine if the methane level is exceeded. Subpart WWW. [40 CFR 60.753(d)]
- 46 [40 CFR 60.753(d)]
Collection system: Methane < 500 ppm above background at the surface of the landfill. Subpart WWW. [40 CFR 60.753(d)]
Which Months: All Year Statistical Basis: None specified
- 47 [40 CFR 60.753(e)]
Collection system: Operate such that all collected gases are vented to a control system designed and operated in compliance with 40 CFR 60.752(b)(2)(iii). Shut down the gas mover system and close all valves contributing to venting of gas to atmosphere within 1 hour if the collection or control system is inoperable. Subpart WWW. [40 CFR 60.753(e)]
- 48 [40 CFR 60.755(a)]
Collection system: Use the methods specified in 40 CFR 60.755(a)(1) through (a)(6) to determine whether the gas collection system is in compliance with 40 CFR 60.752(b)(2)(ii), except as provided in 60.752(b)(2)(i)(B). Subpart WWW. [40 CFR 60.755(a)]
- 49 [40 CFR 60.755(b)]
Collection system: Place each well or design component as specified in the approved design plan as provided in 40 CFR 60.752(b)(2)(i). Install each well no later than 60 days after the date on which the initial solid waste has been in place for a period of 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWW. [40 CFR 60.755(b)]
- 50 [40 CFR 60.755(c)]
Implement a program to monitor for cover integrity and implement cover repairs as necessary on a monthly basis. Subpart WWW. [40 CFR 60.755(c)]

SPECIFIC REQUIREMENTS

AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission

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Air - Title V Regular Permit Renewal

UNF 0001 - Entire Facility

- 51 [40 CFR 60.755(c)] Methane monitored by portable analyzer quarterly. Monitor surface concentrations of methane along the entire perimeter of the collection area and along a pattern that traverses the landfill at 30 meter intervals (or a site-specific established spacing) for each collection area. If a reading of 500 ppm or more above background is measured, implement the procedures specified in 40 CFR 60.755(c)(4)(i) through (c)(4)(v). Subpart WW. [40 CFR 60.755(c)]
- 52 [40 CFR 60.756(a)(1)] Which Months: All Year Statistical Basis: None specified Pressure monitored by pressure instrument monthly. Measure the gauge pressure in the gas collection header of each individual well as provided in 40 CFR 60.755(a)(3). Subpart WW. [40 CFR 60.756(a)(1)]
- 53 [40 CFR 60.756(a)(2)] Which Months: All Year Statistical Basis: None specified Nitrogen or Oxygen monitored by technically sound method monthly at each individual well, as provided in 40 CFR 60.755(a)(5). Subpart WW. [40 CFR 60.756(a)(2)]
- 54 [40 CFR 60.756(a)(3)] Which Months: All Year Statistical Basis: None specified Temperature monitored by temperature monitoring device monthly. Monitor the temperature of the landfill gas at each individual well as provided in 40 CFR 60.755(a)(5). Subpart WW. [40 CFR 60.756(a)(3)]
- 55 [40 CFR 60.757(b)(1)] Which Months: All Year Statistical Basis: None specified Submit NMOC emission rate report: Due initially and annually thereafter, except as provided for in 40 CFR 60.757(b)(1)(ii) or (b)(3). Include an annual or 5-year estimate of the NMOC emission rate calculated using the formula and procedures provided in 40 CFR 60.754(a) or (b), as applicable, and all the data, calculations, sample reports and measurements used to estimate the annual or 5-year emissions. Subpart WW. [40 CFR 60.757(b)(1)]
- 56 [40 CFR 60.757(c)] Submit collection and control system design plan: Due within 1 year of the first NMOC emission rate report required under 40 CFR 60.757(b) in which the emission rate equals or exceeds 50 megagrams per year, except as provided in 40 CFR 60.757(c)(1) and (c)(2). Jefferson Davis Parish Landfill submitted the design plan to LDEQ on April 20, 2006. LDEQ subsequently approved the plan on August 28, 2006. Subpart WW. [40 CFR 60.757(c)]
- 57 [40 CFR 60.757(d)] Submitt closure report: Due within 30 days of waste acceptance cessation. Do not place additional wastes into the landfill after submitting a closure report without filing a notification of modification as described under 40 CFR 60.7(a)(4). Subpart WW. [40 CFR 60.757(d)]
- 58 [40 CFR 60.757(g)] Include the information in 40 CFR 60.757(g)(1) through (g)(6) with the initial performance test report required under 40 CFR 60.8. Subpart WW. [40 CFR 60.757(g)]
- 59 [40 CFR 60.758] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.758(a) through (f), as applicable. Subpart WW.
- 60 [40 CFR 60.759(a)] Collection system: Site active collection wells, horizontal collectors, surface collectors, or other extraction devices at a sufficient density throughout all gas producing areas using the procedures specified in 40 CFR 60.759(a)(1) through (a)(3), unless alternative procedures have been approved by DEQ as provided in 40 CFR 60.752(b)(2)(C) and (b)(2)(i)(D). Subpart WW. [40 CFR 60.759(a)]
- 61 [40 CFR 60.759(b)] Collection system: Construct using the equipment and procedures specified in 40 CFR 60.759(b)(1) through (b)(3). Subpart WW. [40 CFR 60.759(b)]

SPECIFIC REQUIREMENTS

AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission
Activity Number: PER20050002
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Air - Title V Regular Permit Renewal

UNF 0001 - Entire Facility

- 62 [40 CFR 60.759(c)]
 Collection system: Convey the landfill gas to a control system in compliance with 40 CFR 60.752(b)(2)(iii) through the collection header pipe(s). Ensure that the gas mover equipment is sized to handle the maximum gas generation flow rate expected over the intended use period of the gas moving equipment using the procedures specified in 40 CFR 60.759(c)(1) and (c)(2). Subpart WW. [40 CFR 60.759(c)]
- 63 [40 CFR 60.]
 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- 64 [40 CFR 61.145(b)(1)]
 Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies.
- 65 [40 CFR 61.148]
 Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]
- 66 [40 CFR 61.154(f)]
 Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain, until closure, records of the location, depth and area, and quantity in cubic yards (cubic meters) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area. Subpart M [LAC 33:III.5151.N.6]. [40 CFR 61.154(f)]
- 67 [40 CFR 61.154(h)]
 Submit report: Due to the Office of Environmental Services, DEQ upon closure of the facility. Submit a copy of records of asbestos waste disposal locations and quantities. Subpart M [LAC 33:III.5151.N.8]. [40 CFR 61.154(h)]
- 68 [40 CFR 61.154(j)]
 Submit written notification: Due to the Office of Environmental Services, DEQ at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, provide notice of the new start date to DEQ at least 10 working days before excavation begins and in no event begin excavation earlier than the date specified in the original notification. Include the information specified in 40 CFR 61.154(j)(1) through (j)(4) in the notice. Subpart M [LAC 33:III.5151.N.10]. [40 CFR 61.154(j)]
- 69 [40 CFR 61.]
 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
- 70 [40 CFR 63.1955(a)(1)]
 Comply with the requirements of 40 CFR 60 Subpart WW. Subpart A.A.A.A. [40 CFR 63.1955(a)(1)]
- 71 [40 CFR 63.1960]
 Develop a written SSM plan according to the provisions in 40 CFR 63.6(e)(3). Maintain a copy of the SSM plan on site. Subpart A.A.A.A.
- 72 [40 CFR 63.1980(a)]
 Submit report: Due every six months. Submit reports of the recorded information in 40 CFR 60.757(f)(1) through (f)(6). Subpart A.A.A.A. [40 CFR 63.1980(a)]
- 73 [40 CFR 63.]
 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart A.A.A.
- 74 [40 CFR 70.5(a)(1)(iii)]
 Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 75 [40 CFR 70.6(a)(3)(ii)(A)]
 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(ii)(A)]

SPECIFIC REQUIREMENTS

AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission

Activity Number: PER20050002

Permit Number: 1360-00060-V1

Air - Title V Regular Permit Renewal

UNF 0001 - Entire Facility

- 76 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(ii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 77 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 78 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 79 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 80 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 81 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 82 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 83 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 84 [LAC 33:III.5151.F.1.f] An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
- 85 [LAC 33:III.5151.N.1] Ensure that there are no visible emissions to the outside air.
- 86 [LAC 33:III.5151.N.2] Install and maintain warning signs and fencing as specified in LAC 33:III.5151.N.2.a through c.
- 87 [LAC 33:III.5151.N.3.a] At the end of each operating day, or at least once every 24 hour period while the site is in continuous operation, cover the asbestos-containing waste material that has been deposited at the site during the operating day or previous 24 hour period with at least 6 inches (15 centimeters) of compacted nonasbestos-containing material.
- 88 [LAC 33:III.5151.N.5.a.iv] Submit written report: Due to DEQ by the following working day after the presence of a significant amount of improperly enclosed or uncovered waste is discovered. Submit a copy of the waste shipment record (ADVf) along with the report.
- 89 [LAC 33:III.5151.N.5.a] Equipment/operational data recordkeeping by electronic or hard copy before disposal. Maintain waste shipment records, using the ADVF Form and include the information specified in LAC 33:III.5151.N.5.a.i through v.

SPECIFIC REQUIREMENTS

AI ID: 12389 - Jefferson Davis Parish Sanitary Landfill Commission

Activity Number: PER20050002

Permit Number: 1360-00060-V1

Air - Title V Regular Permit Renewal

UNF 0001 - Entire Facility

- 90 [LAC 33:III.5151.N.5.b] Send a copy of the signed ADVF to the waste generator and to the Office of Environmental Services, DEQ as soon as possible and no longer than 30 days after the receipt of the waste.
- 91 [LAC 33:III.5151.N.5.c] Upon discovering a discrepancy between the quantity of waste designated on the ADVF and the quantity actually received, attempt to reconcile the discrepancy with the waste generator.
- 92 [LAC 33:III.5151.N.5.c] Submit written report: Due to the Office of Environmental Services, DEQ within 15 days after receiving a waste shipment if a discrepancy between the quantity of waste designated on the ADVF and the quantity actually received cannot be reconciled. Describe the discrepancy and attempts to reconcile it, and submit a copy of the ADVF along with the report.
- 93 [LAC 33:III.5151.N.5.d] Retain a copy of all records and reports required by LAC 33:III.5151.N for at least two years.
- 94 [LAC 33:III.5151.N.7] Comply with all the provisions of LAC 33:III.5151.K upon closure.
- 95 [LAC 33:III.5151.N.9] Furnish upon request and make available during normal business hours for inspection by DEQ, all records required under LAC 33:III.5151.N. Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 97 [LAC 33:III.561.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 98 [LAC 33:III.561.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 99 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.